Apple Cinema Displays

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The new Apple Cinema Display lineup is the perfect companion for your Power Mac G5 or PowerBook. Its annodized aluminum case is sleek and elegant, and lets you use two displays much closer to each other than ever before. The new lineup is bigger, brighter and much more compatible. Choose an optional VESA mount to install your display anywhere. Connect one or two displays via industry-standard DVI.

Configurations

Order number	**20-inch Apple Cinema Display** M9177LL/A	**23-inch Apple Cinema HD Display** M9178LL/A	**30-inch Apple Cinema HD Display** M9179LL/A
Screen size (diagonal viewable image size)	20 inches (viewable)	23 inches (viewable)	30 inches (29.7 inches viewable)
Screen type	Thin film transistor (TFT) active-matrix liquid crystal display (AMLCD)		
Resolutions	■ 1680 by 1050 pixels (optimum resolution) ■ 1280 by 800 pixels ■ 1024 by 640 pixels	■ 1920 by 1200 pixels (optimum resolution) ■ 1280 by 800 pixels ■ 1024 by 640 pixels	■ 2560 x 1600 pixels (optimum resolution) ■ 2048 x 1280 ■ 1920 x 1200 ■ 1280 x 800 ■ 1024 x 640
Display colors (maximum)	16.7 million		
Viewing angle (typical)	170° horizontal; 170° vertical		
Brightness (typical)	250 cd/m2	270 cd/m2	
Contrast ratio (typical)	400:1		
Response time (typical)	16 ms		
Pixel pitch	0.258 mm		0.250 mm
Screen treatment	Antiglare hardcoat		
User controls (hardware and software)	Display power, system sleep, system wake, brightness and display tilt		
Cables	DVI (Digital Visual Interface), FireWire 400, USB 2.0 and DC power (24.5 V)		
Connectors	Two-port, self-powered USB 2.0 hub, two FireWire 400 ports and Kensington security port		
VESA mount adapter	Compatible with VESA FDMI (MIS-D, 100, C) compliant mounting solutions (Requires optional Cinema Display VESA Mount Adapter (M9649G/A)		
System reqirements	One of the following: ■ Power Mac G4 or G5 with NVIDIA graphics card or ATI		Power Mac G5 and NVIDIA GeForce 6800 Ultra DDL

	Radeon 7500 or better graphics card and Mac OS X v10.2.8 or later ■ PowerBook G4 with DVI port and Mac OS X v10.2.8 or later ■ Windows-based PCs with graphics card that supports DVI ports with full single link digital bandwidth and VESA DDC standard for plug and play setup.	graphics card (offered as CTO option for new Power Mac G5 customers and as a kit for current Power Mac G5 customers (M9593G/A)
Dual display support	A second Apple flat-panel display can be used with a Power Mac G4 or G5 via an ADC to DVI adapter (T2774G/A)	
Limited warranty and service	Your Apple display comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three full years. Only the AppleCare Protection Plan provides you with direct telephone support from Apple technical experts and the assurance that repairs will be handled by Apple-certified technicians using genuine Apple parts. Power Mac and PowerBook customers can also enroll one display for coverage, provided that the display is purchased at the same time as the covered computer. For more information, visit Apple support or call 800-823-2775.	

Optional accessories

Get the extras you need from the online Apple Store or an authorized Apple reseller.

Connectors	Belkin ADC to DVI Connector Cable iSight Accessory Kit
Ergonomics	VESA Mount Adapter
Security	Kensington Slim Kevlar MicroSaver Lock
Graphics card	NVIDIA GeForce 6800 Ultra DDL

Approvals and Requirements

Electrical requirements

- Input voltage: 100-240 VAC 50-60Hz
- Maximum power when operating: 65W (Apple Cinema Display); 90W (Apple Cinema HD Display); 150W (Apple Cinema HD Display)
- Energy saver mode: 3W or less

Environmental requirements

- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Operating humidity: 20% to 80% noncondensing
- Maximum operating altitude: 10,000 feet

Size and weight

- 20-inch Apple Cinema Display
  - Height: 16.1 inches (41 cm)
  - Width: 18.5 inches (47.1 cm)
  - Depth: 6.8 inches (17.4 cm)
  - Weight: 14.5 pounds (6.6 kg)
- 23-inch Apple Cinema HD Display
  - Height: 17.7 inches (45 cm)
  - Width: 21.1 inches (53.6 cm)
  - Depth: 7.3 inches (18.7 cm)
  - Weight: 15.5 pounds (7.03 kg)
- 30-inch Apple Cinema HD Display
  - Height: 21.3 inches (54.3 cm)
  - Width: 27.2 inches (68.8 cm)
  - Depth: 8.46 inches (21.5 cm)
  - Weight: 27.5 pounds (12.47 kg)

Agency approvals

- FCC Part 15 Class B
- EN55022 Class B
- EN55024
- VCCI Class B
- AS/NZS 3548 Class B
- CNS 13438 Class B
- ICES-003 Class B
- ISO 13406 part 2
- MPR II
- IEC 60950
- UL 60950
- CSA 60950
- EN60950
- ENERGY STAR
- TCO 03

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